

Post Emergency Report

SCA Chemical Services
11700 S. Stony Island Avenue
Chicago, Illinois 60617

R05-0303-018
IL-174-18

US EPA RECORDS CENTER REGION 5



462623

Owner/Operator Banks Clark, Facility Manager

Facility Name SCA Chemical Services, Inc.

Address 11700 S. Stony Island Avenue

Chicago, Illinois 60617

Telephone (312) 646-5700

Date of Incident August 8, 1983 Time 11:30 AM

Type of Incident fire in rotary kiln feed hopper

Name and quantity of materials involved approximately 32 gallons (contained in 2-16 gallon plastic drums) of waste paint and solvents (composed of methyl alcohol at approximately 60%, methyl ethyl ketone at approximately 15%, xylene at approximately 15% and approximately 10% paint solids) and 2-30 gallon fiber drums containing waste paint and solvent clean-up materials (mostly oil-dry absorbant).

Extent of injuries no injuries have occurred or were alleged as a result of this incident.

Assessment of actual or potential hazards to human health or the environment

The fire and extinguishing materials were contained and restricted to a diked area around the rotary kiln on SCA property. Water and other extinguishing materials were recovered and transferred to a waste storage tank on SCA property. No waste or waste material went to the sewers or the Sanitary District. Smoke emission from the fire and steam and mists generated by extinguishment were minimal, lasting for approximately 3-15 minutes. All SCA personnel were evacuated from the facility as a safety measure except for SCA personnel experienced in fire fighting (who were equipped with respiratory protection and safety goggles). The fire was out by the time Chicago fire personnel arrived. All elements in the Contingency Plan functioned properly.

Estimated quantity and disposition of recovered materials Approximately
6,000 gallons of water was recovered from extinguishment of the fire. This
water was transferred to a waste storage tank for incineration in the SCA
incinerator.

R05-8303-01B
HL-176-18

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Date of Incident December 8, 1983 Time 4:20 PM
Type of Incident Unplanned environmental release (emissions) from incinerator emergency stack. This incident was caused by emergency shutdown resulting from loss of instrument air due to freezing of lines.

Name and quantity of materials involved Emergency stack opened; emissions not scrubbed by acid removal and particulate removal systems. Particulates and acidic combustion gases.

Extent of injuries None known or alleged.

Assessment of actual or potential hazards to human health or the environment
Short term particulate and acidic gas release should have minor effects due to wind dispersion.

Estimated quantity and disposition of recovered materials No emissions
were recovered.

* Contacted Jim Kelly, Supervisor Emergency Response Unit and Geoffrey
Langley of ESDA at time of release.